

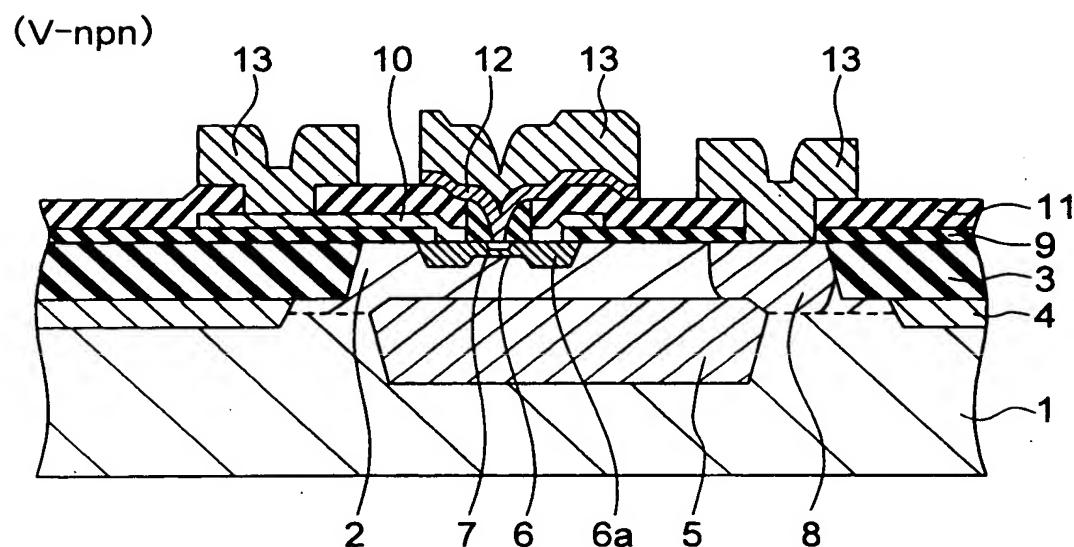
SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

1 / 24

FIG. 1



# SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

2 / 24

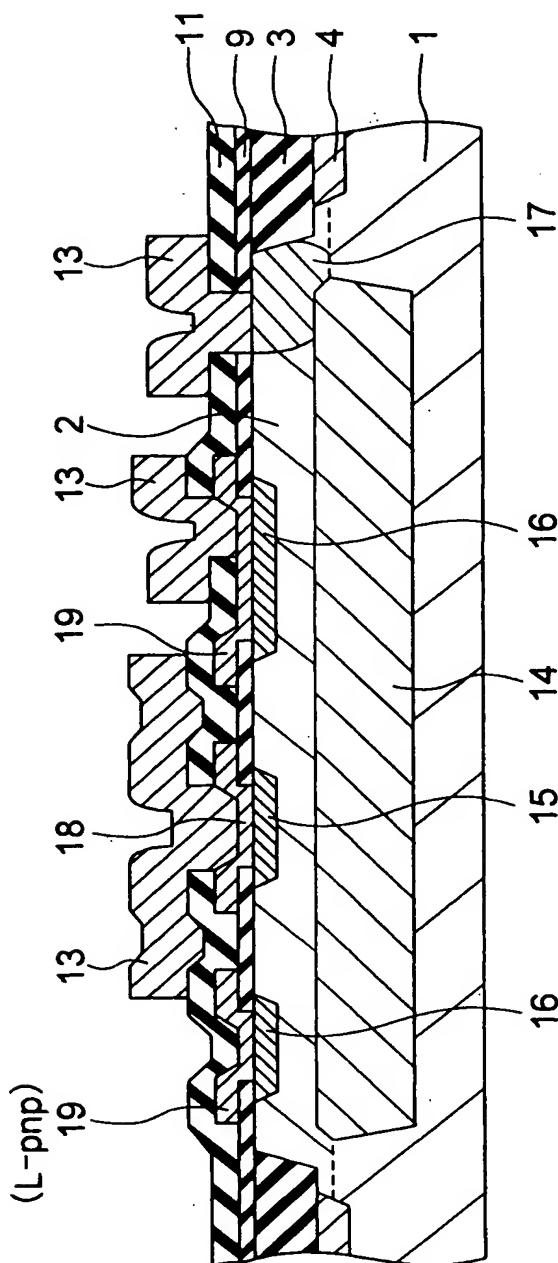


FIG. 2A

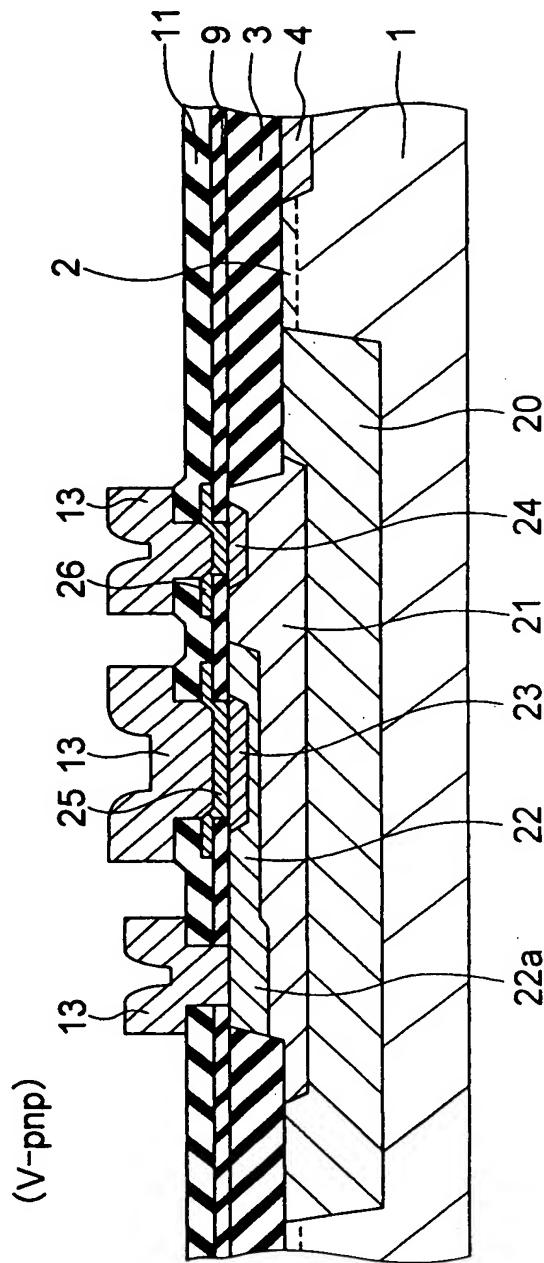


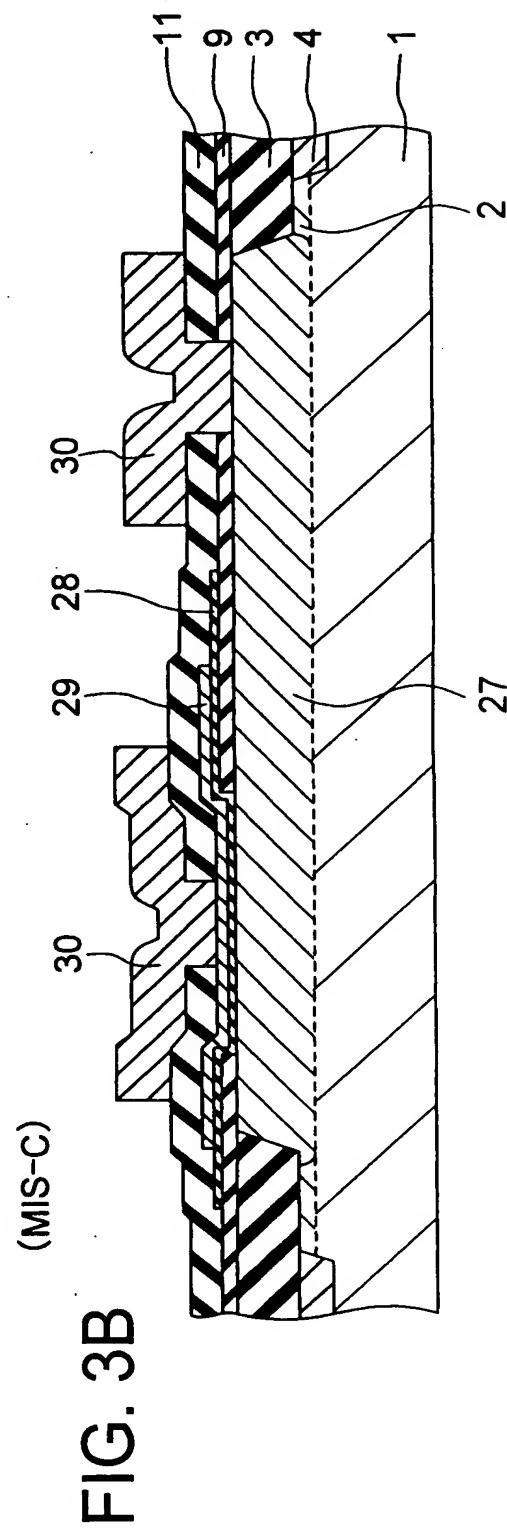
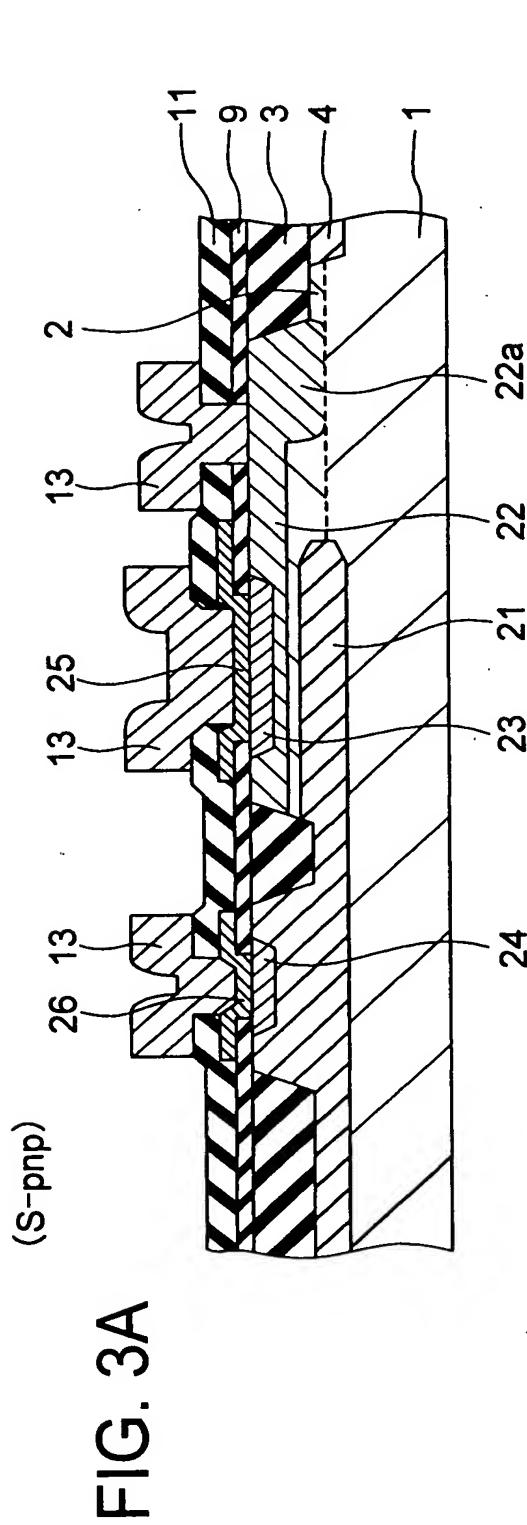
FIG. 2B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

3 / 24



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

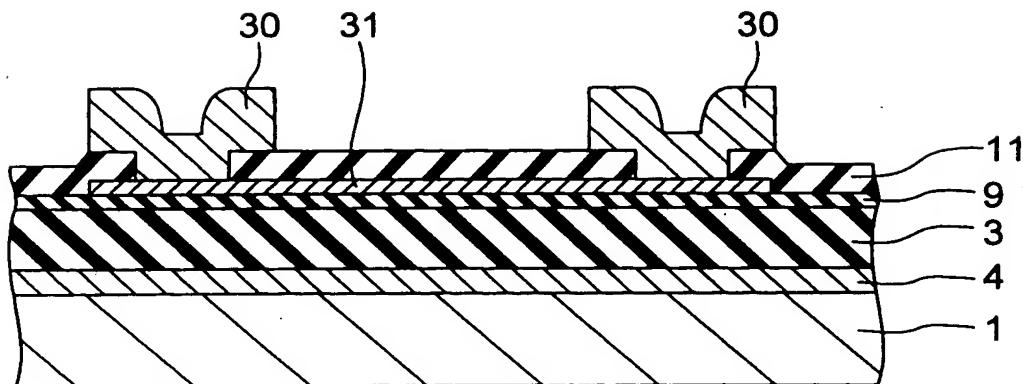
Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

4 / 24

FIG. 4

(Poly-R)



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI

Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

5 / 24

(V-npn)

FIG. 5A

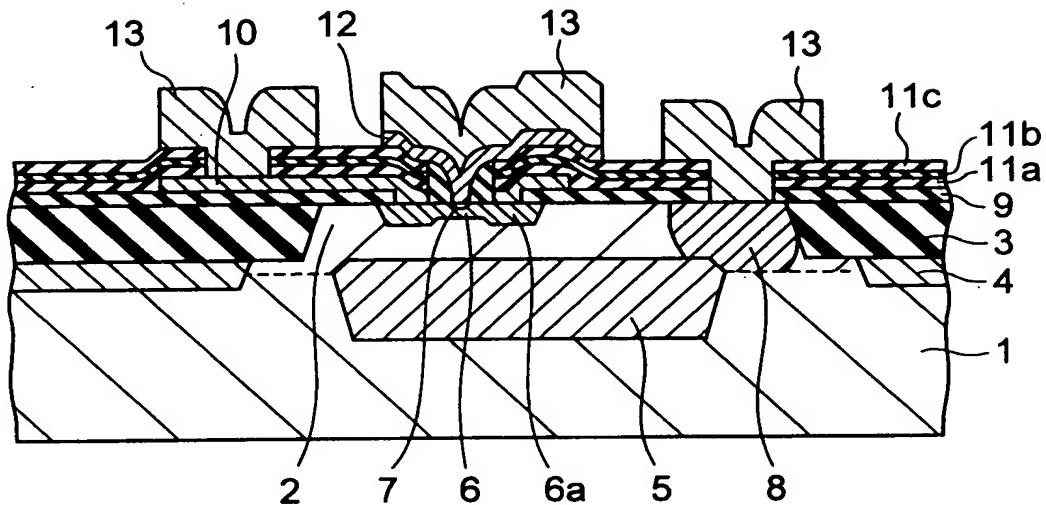


FIG. 5B

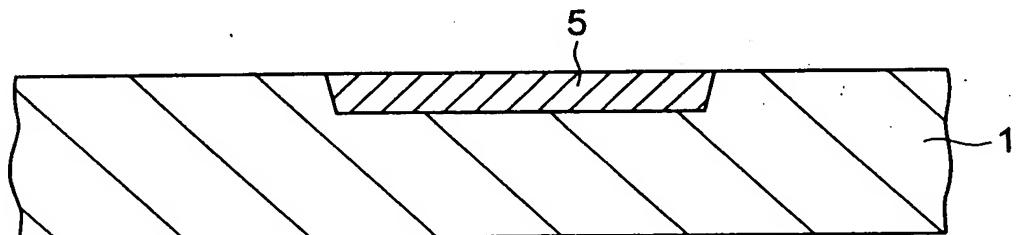
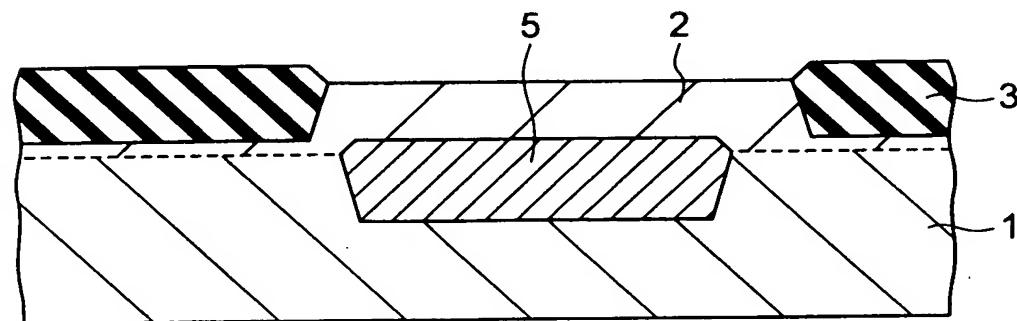


FIG. 5C



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI

Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

6 / 24

FIG. 6A

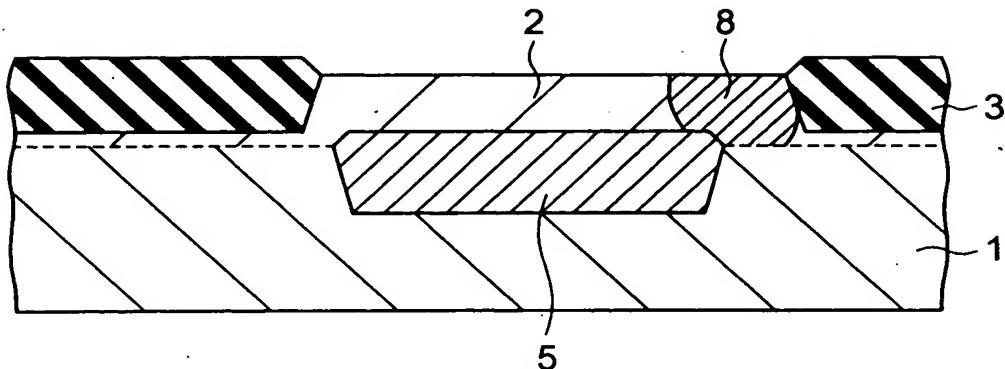


FIG. 6B

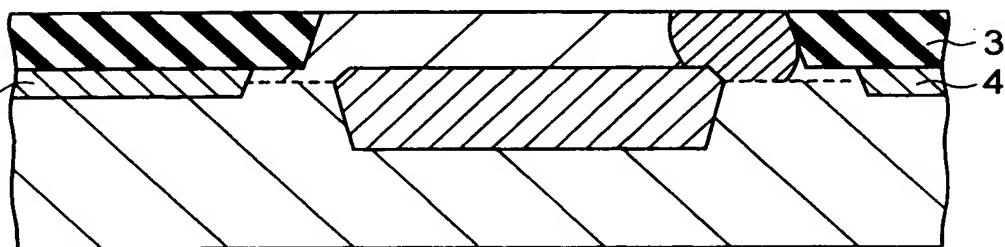
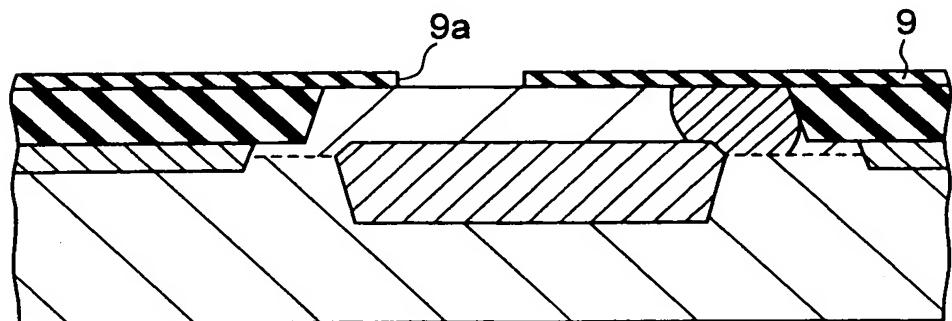


FIG. 6C



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

7 / 24

FIG. 7A

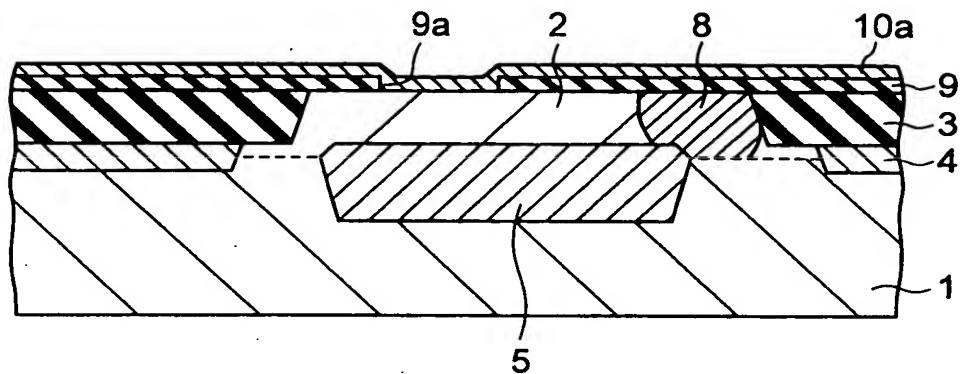


FIG. 7B

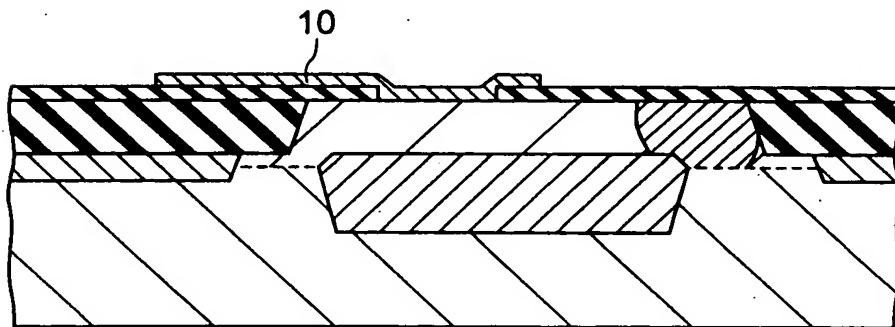
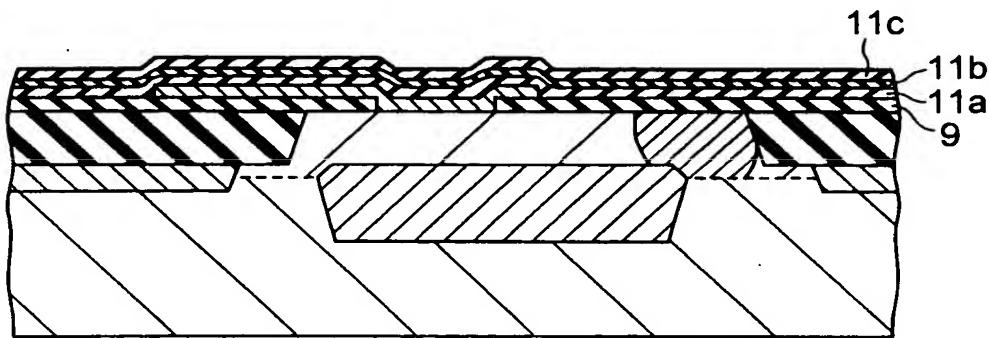


FIG. 7C



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

8 / 24

FIG. 8A

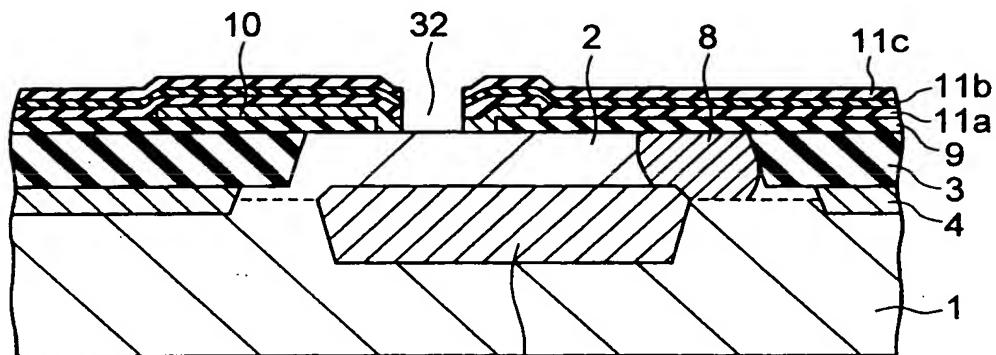


FIG. 8B

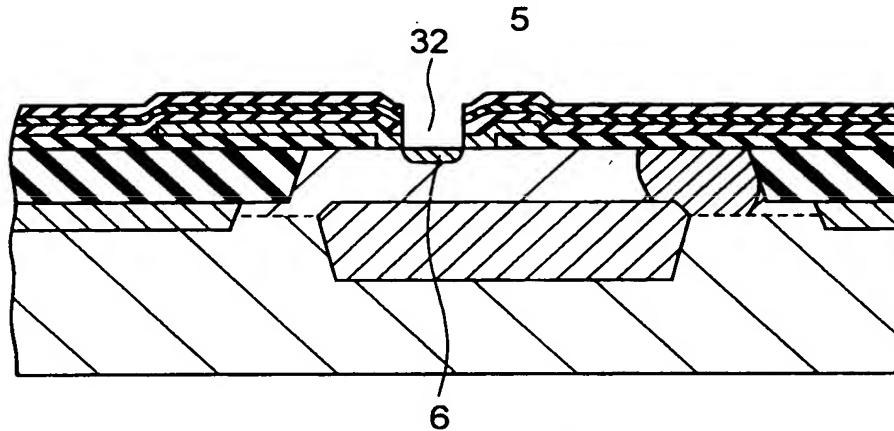
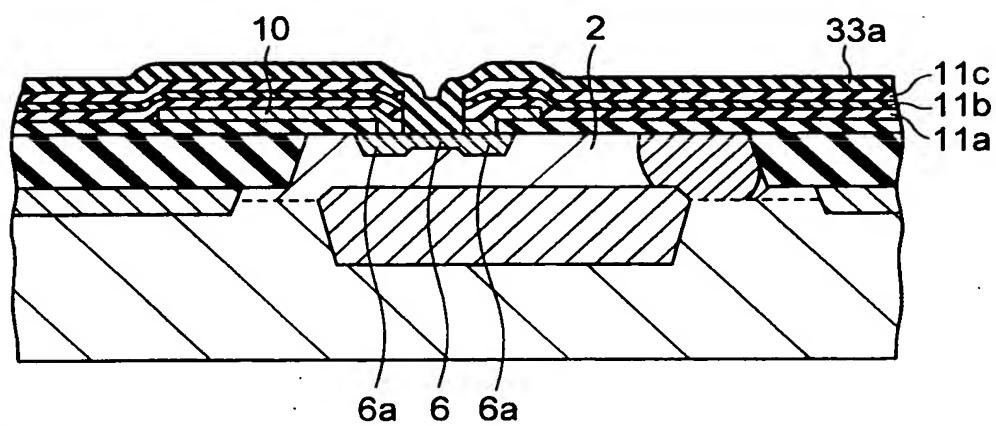


FIG. 8C



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

9 / 24

FIG. 9A

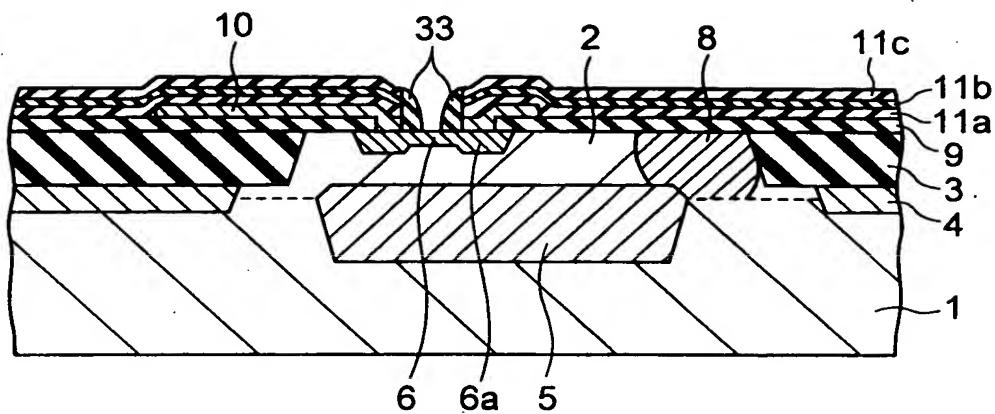


FIG. 9B

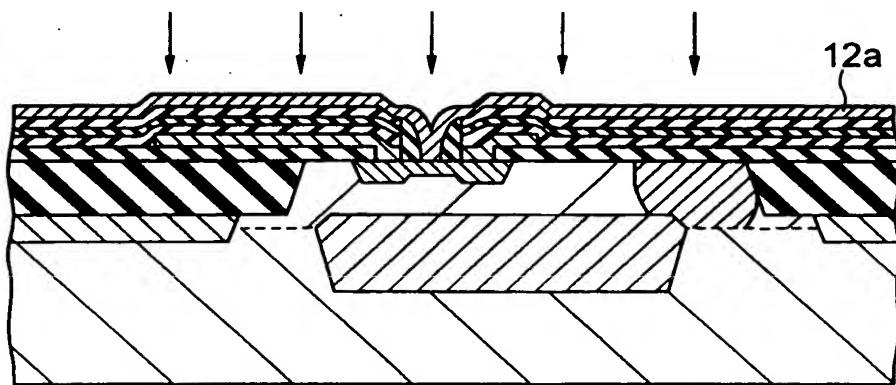
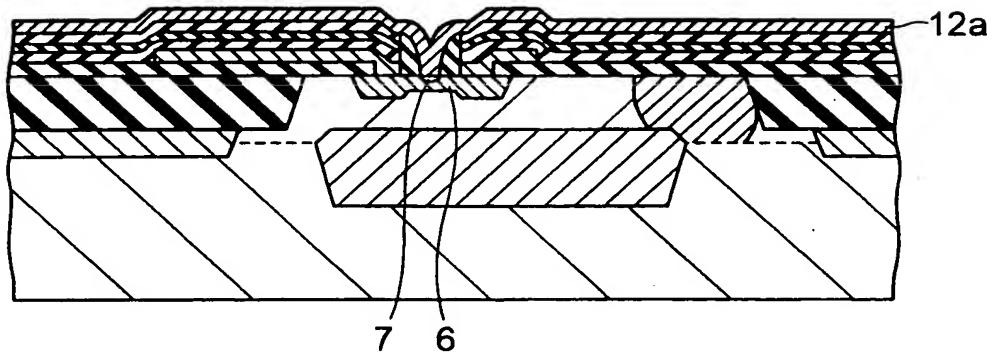


FIG. 9C



SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI

Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

10 / 24

FIG. 10A

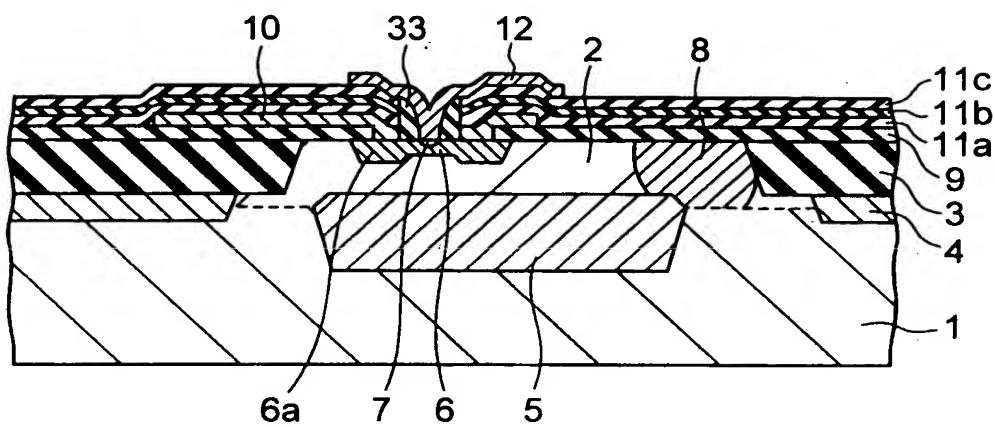
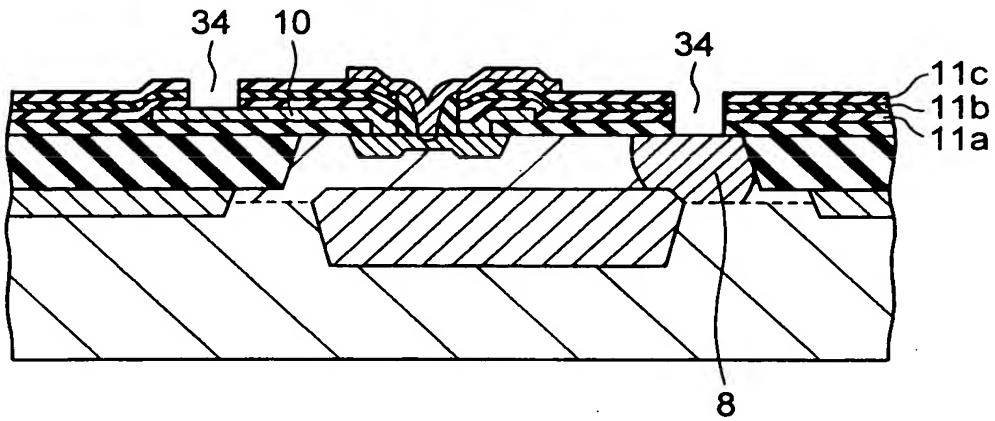


FIG. 10B



# SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

11 / 24

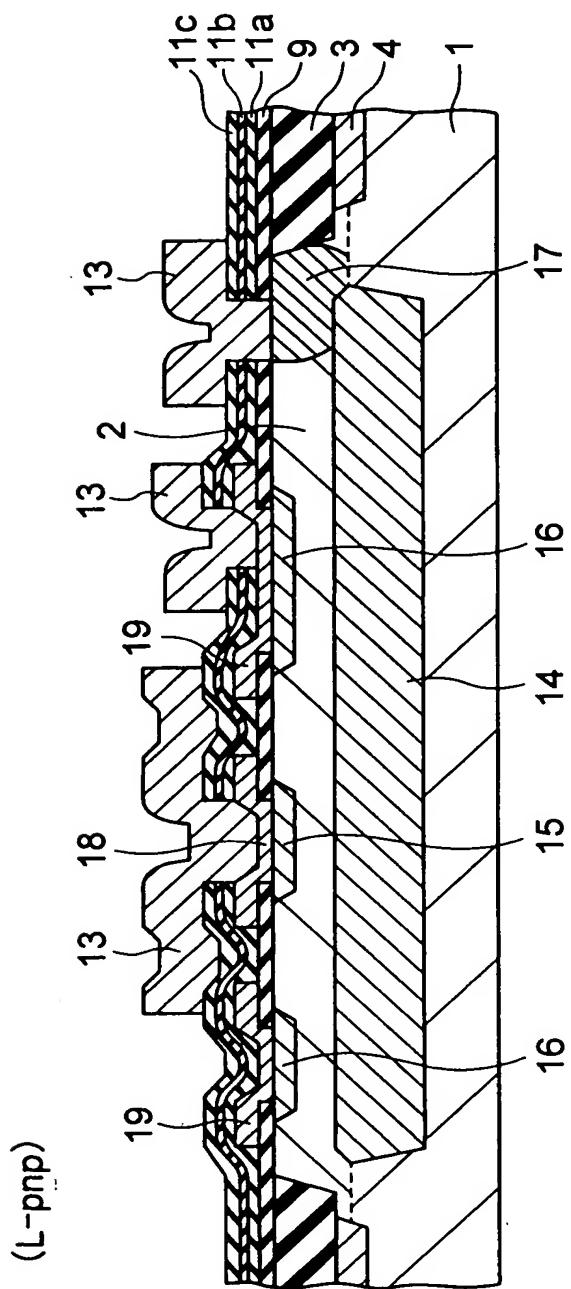


FIG. 11A

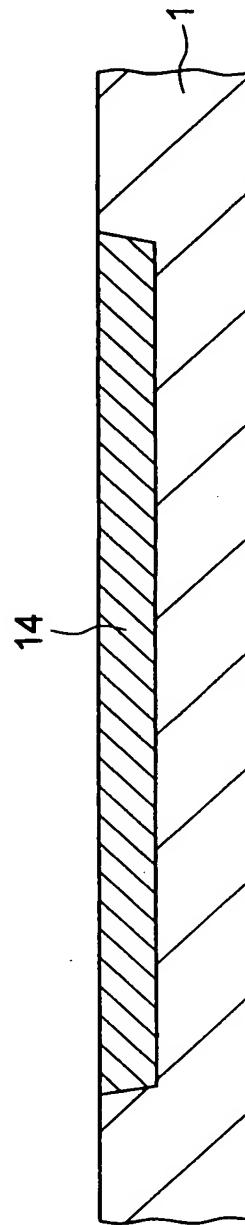


FIG. 11B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

12 / 24

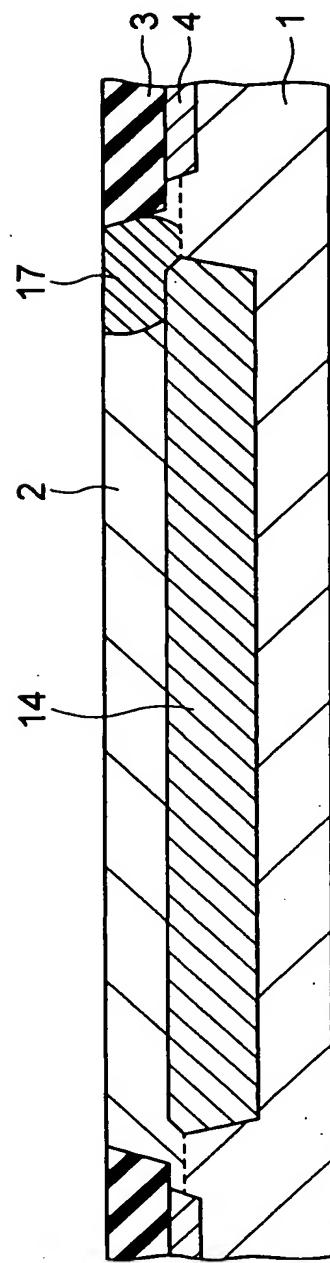


FIG. 12A

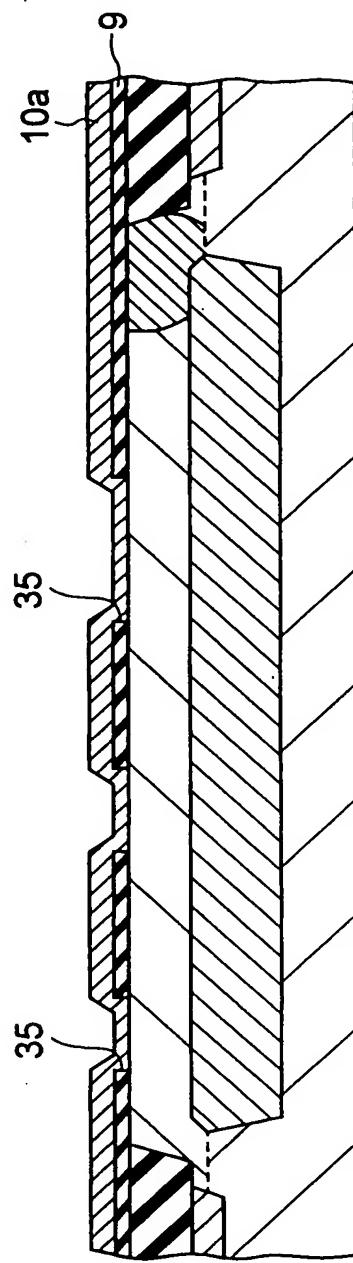


FIG. 12B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

13 / 24

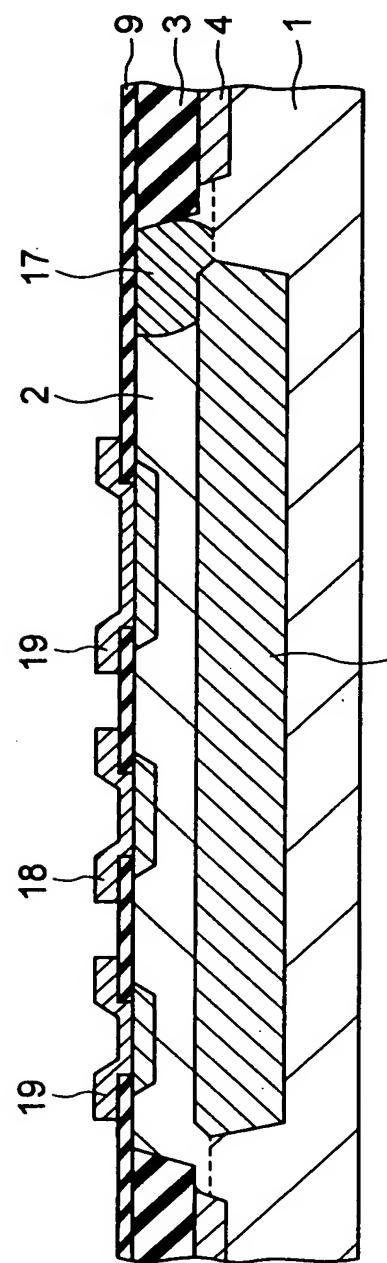


FIG. 13A

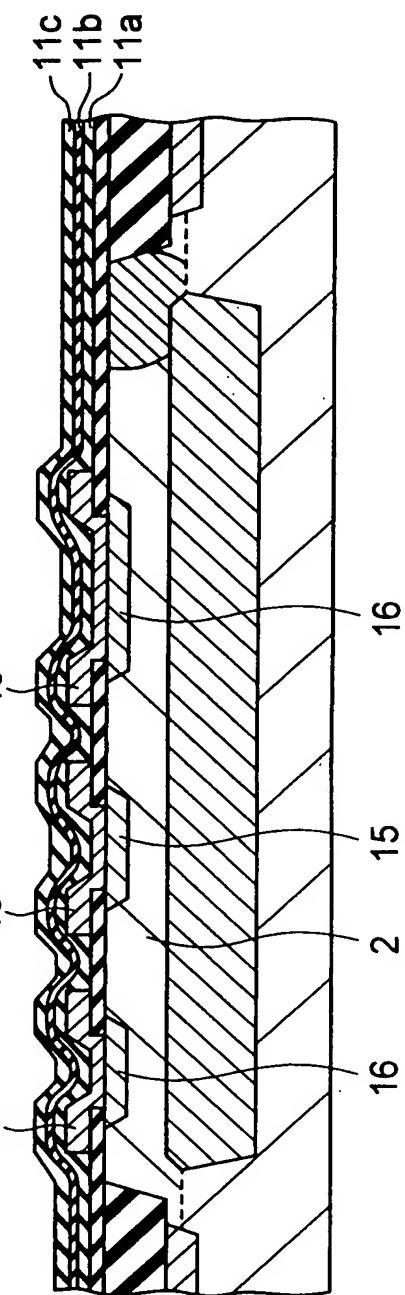


FIG. 13B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

14 / 24

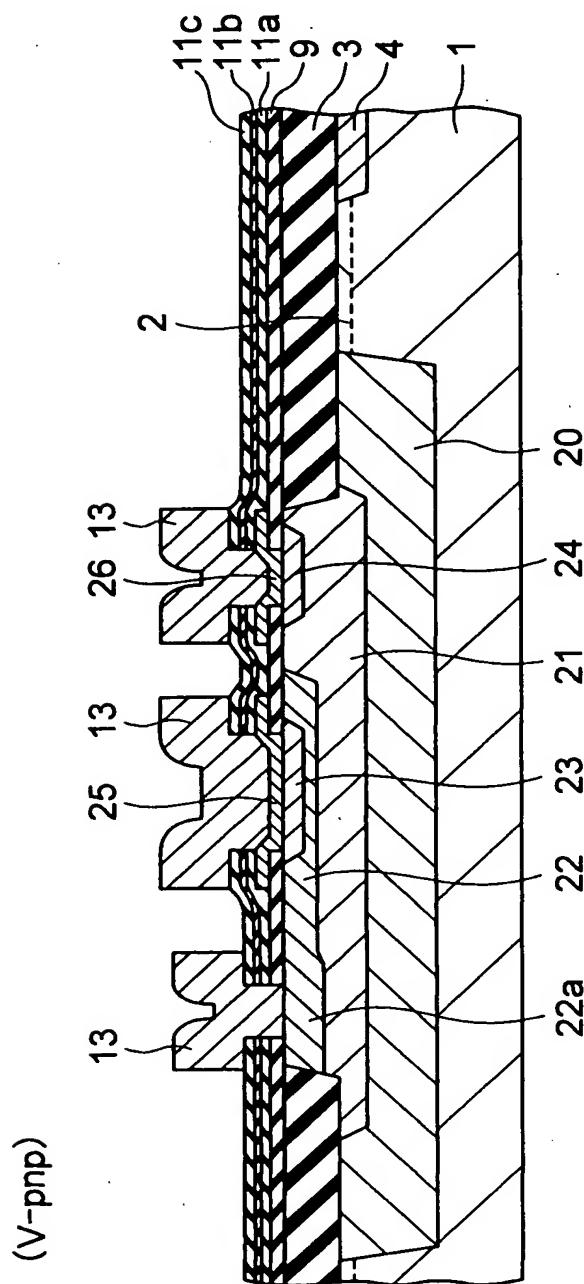


FIG. 14A

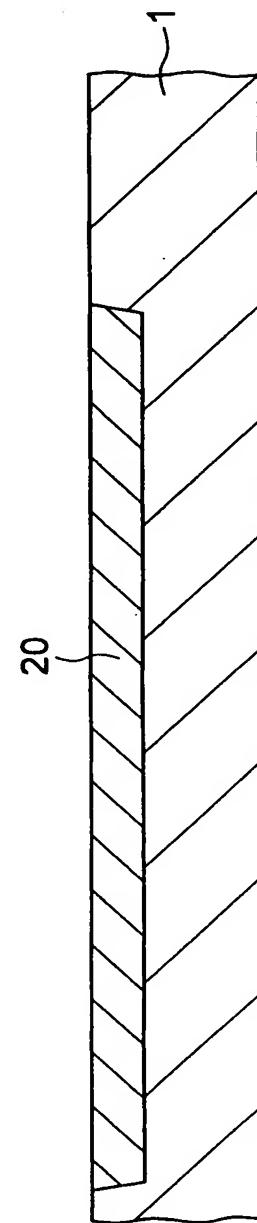


FIG. 14B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

15 / 24

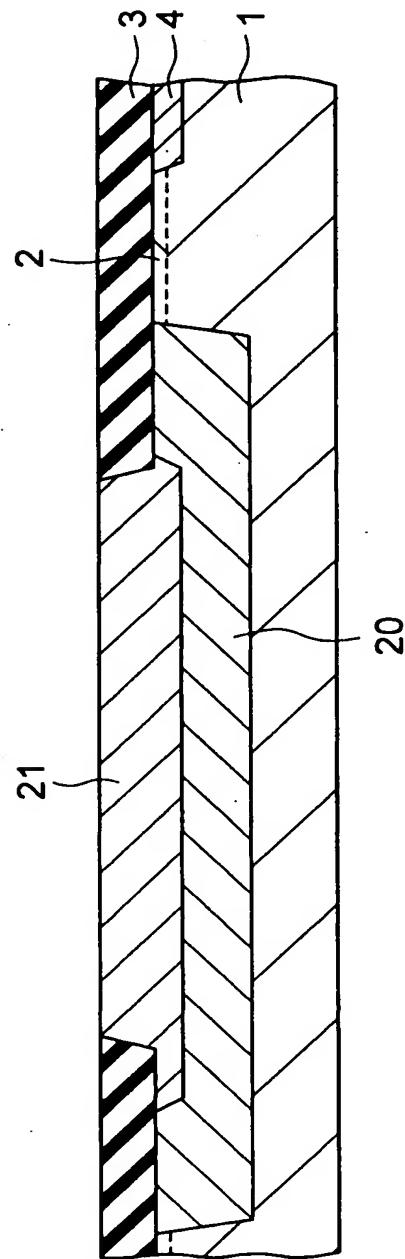


FIG. 15A

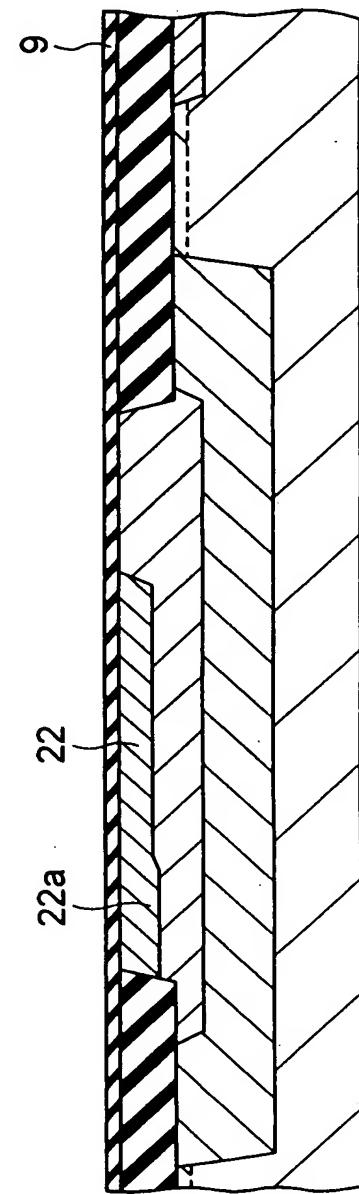


FIG. 15B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

16 / 24

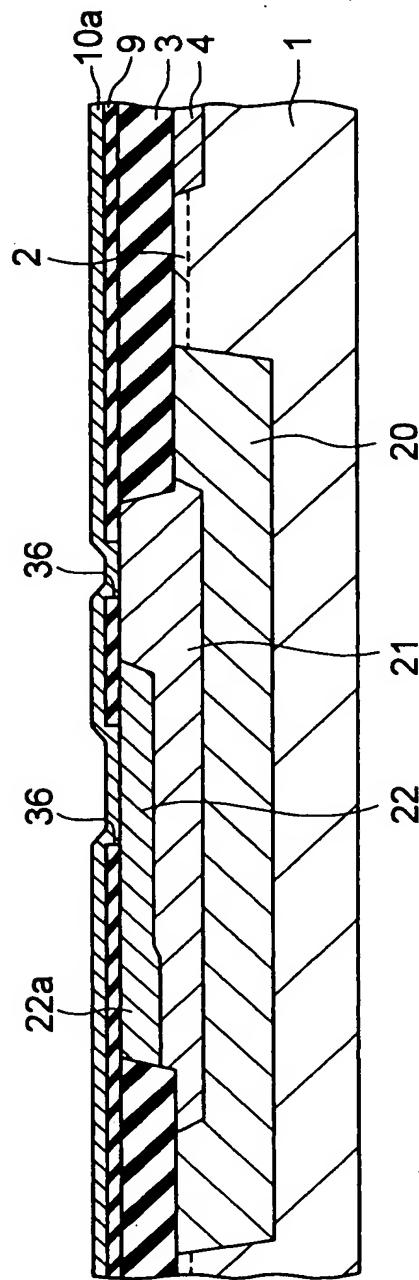


FIG. 16A

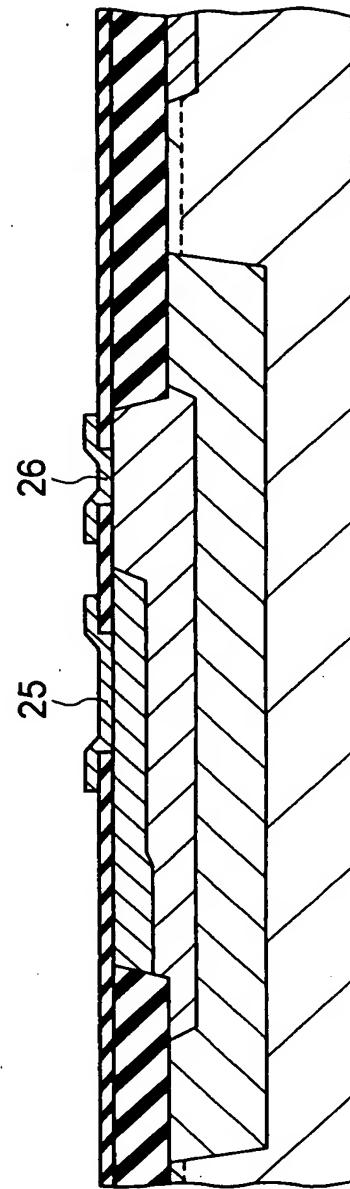


FIG. 16B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

17 / 24

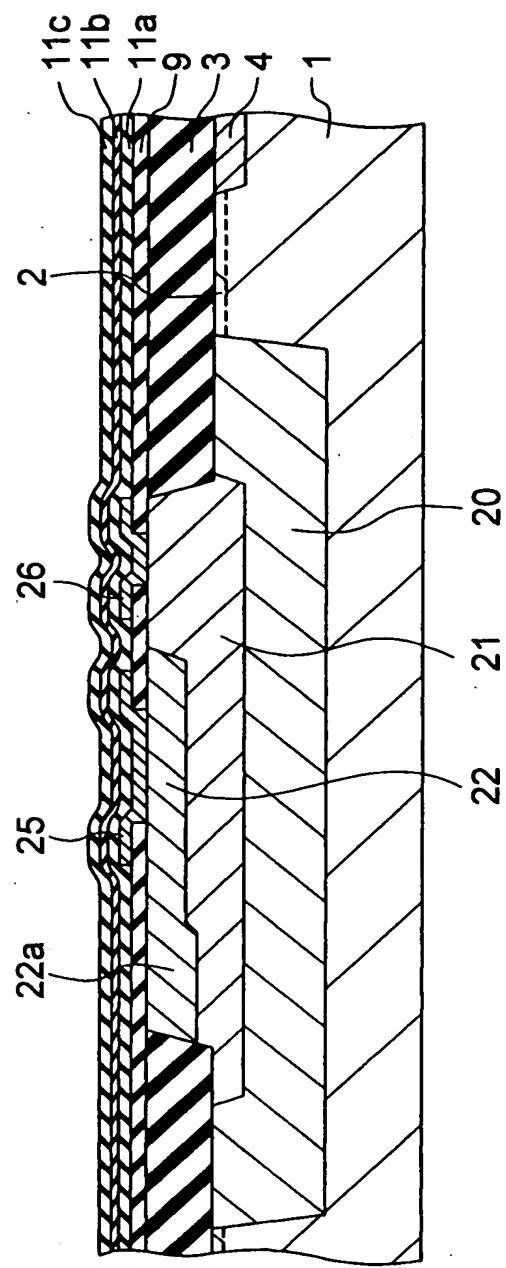


FIG. 17A

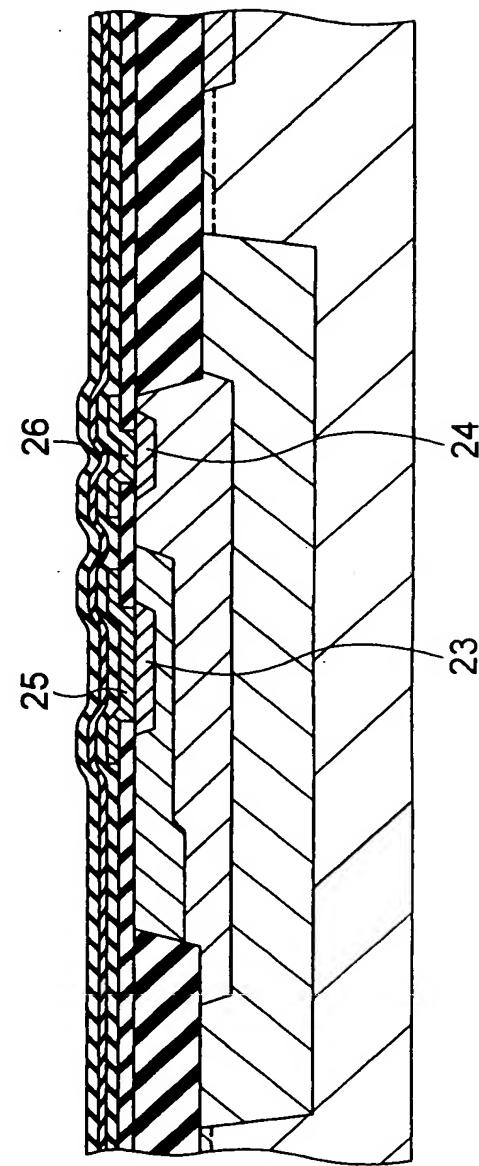


FIG. 17B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

18 / 24

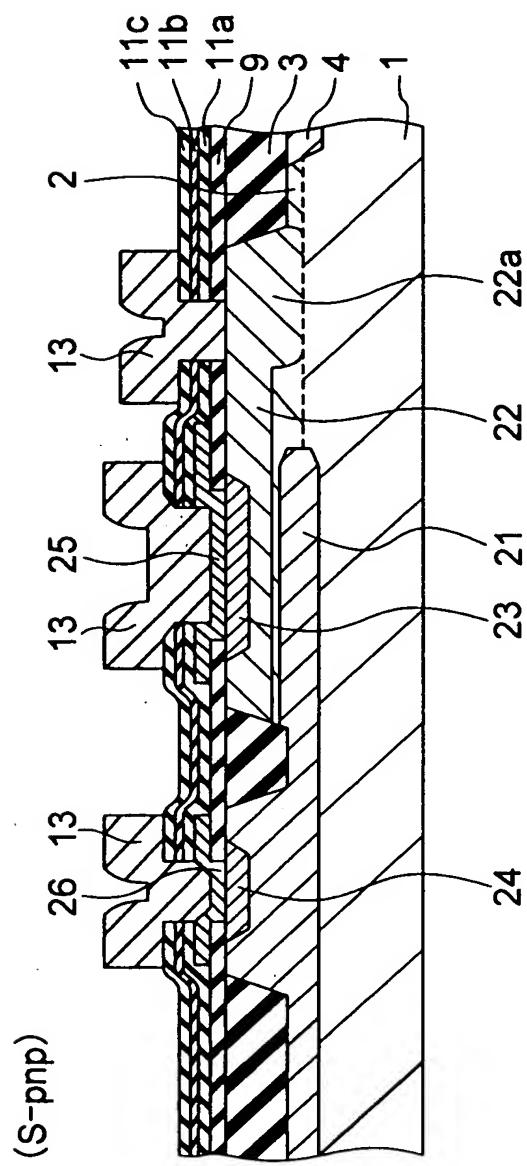


FIG. 18A

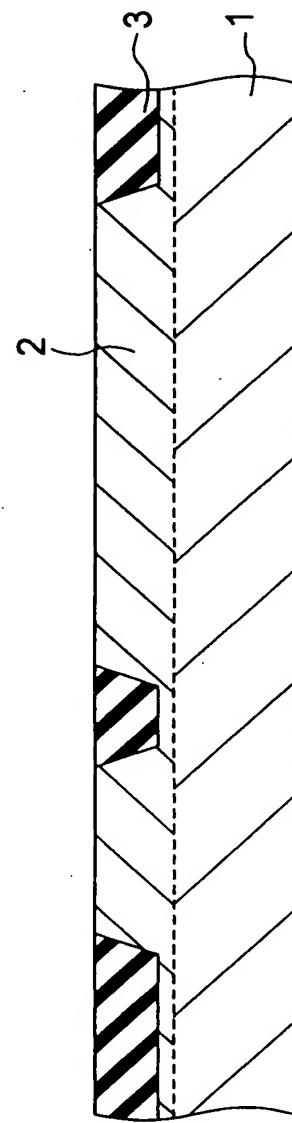


FIG. 18B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

19 / 24

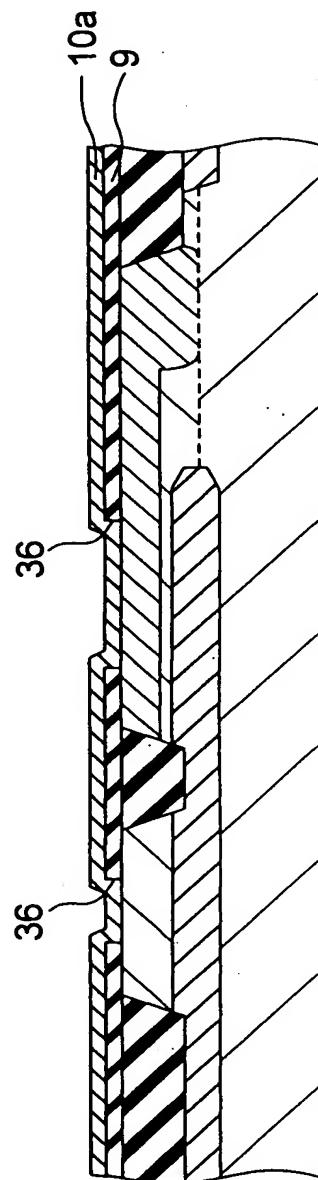
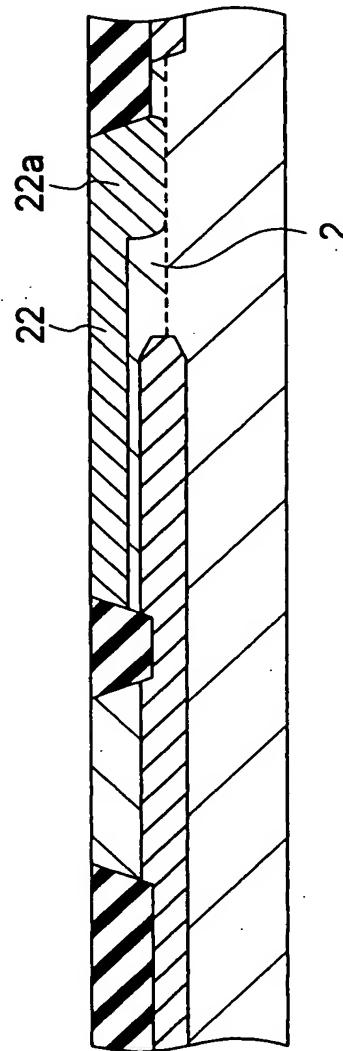
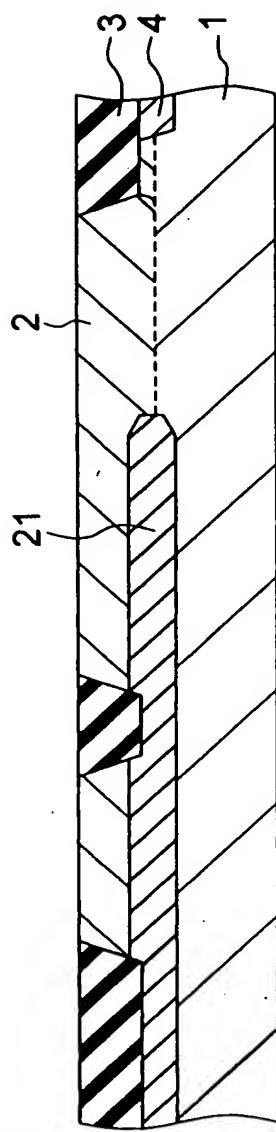


FIG. 19A

FIG. 19B

FIG. 19C

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

20 / 24

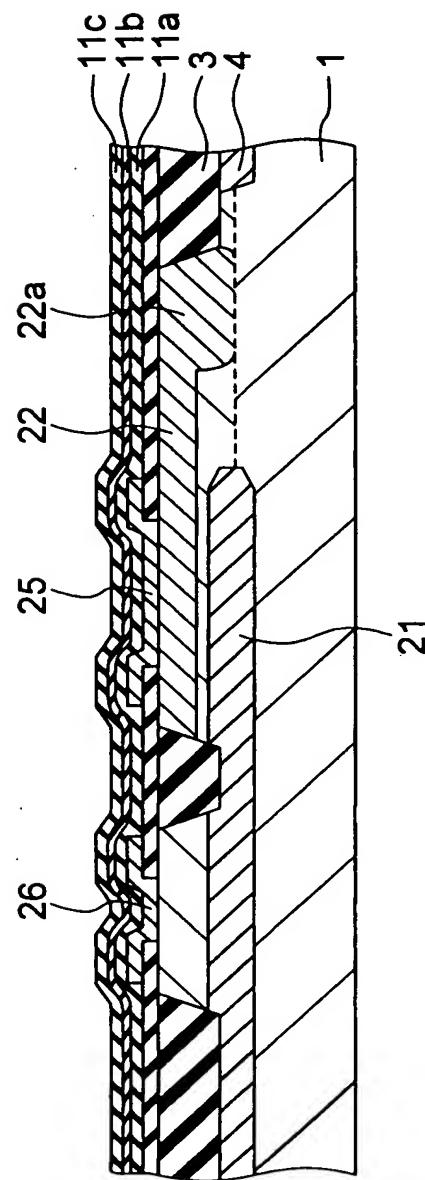


FIG. 20A

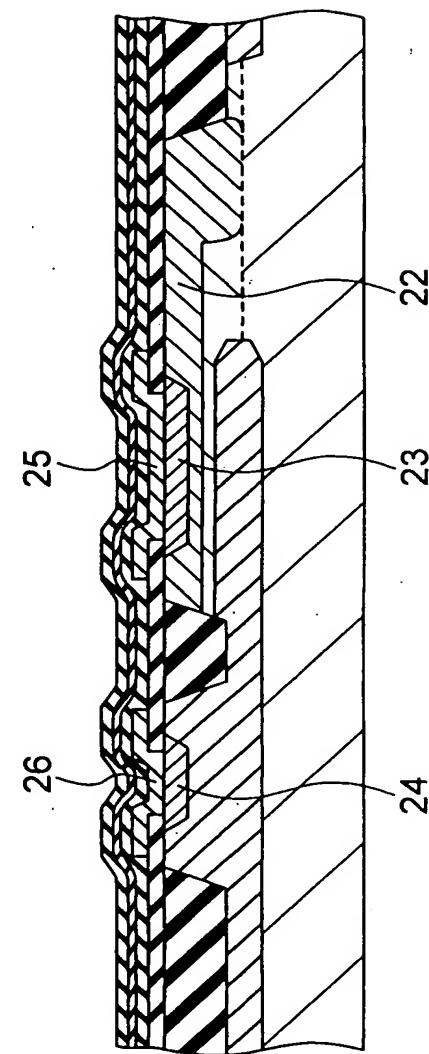


FIG. 20B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

21 / 24

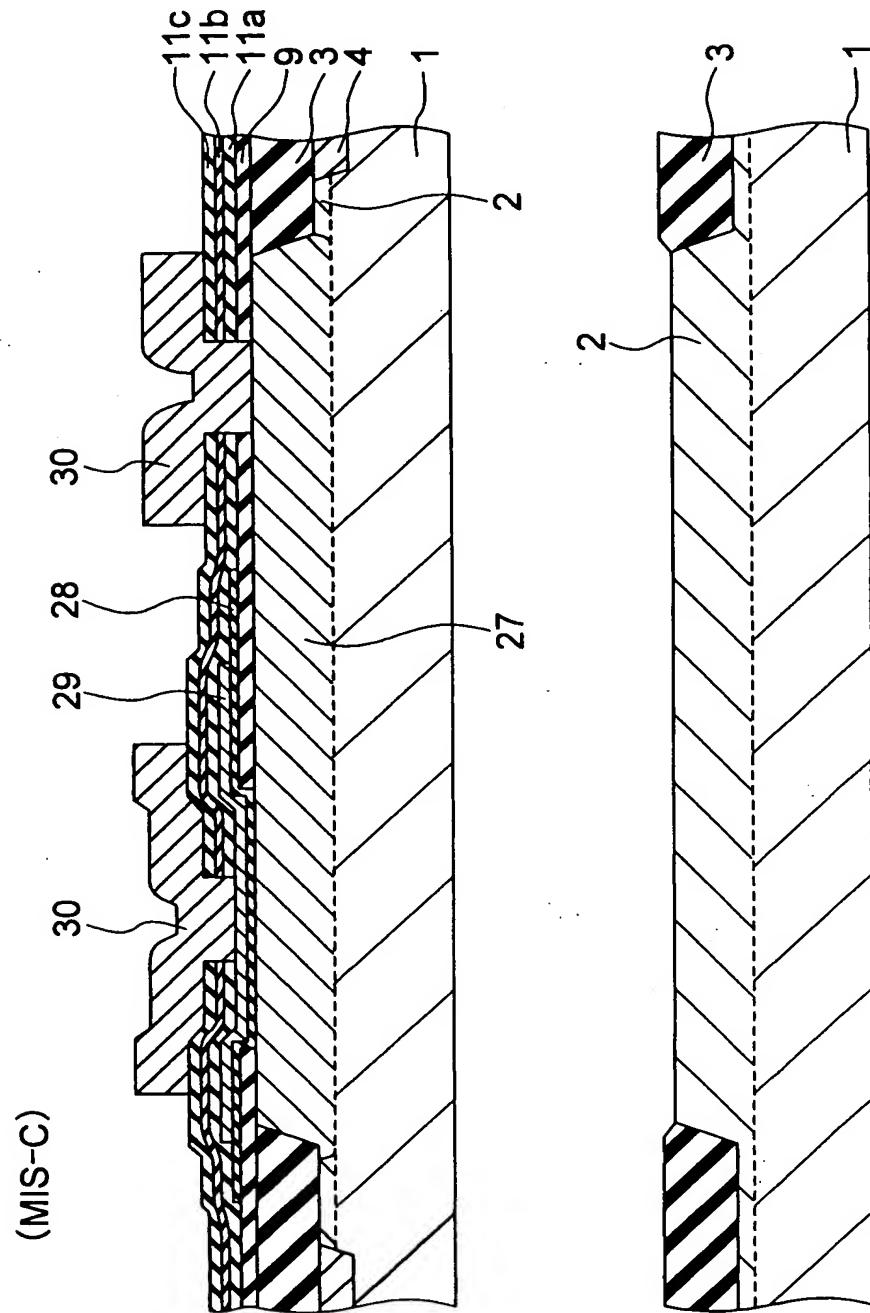


FIG. 21A

FIG. 21B

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

22 / 24

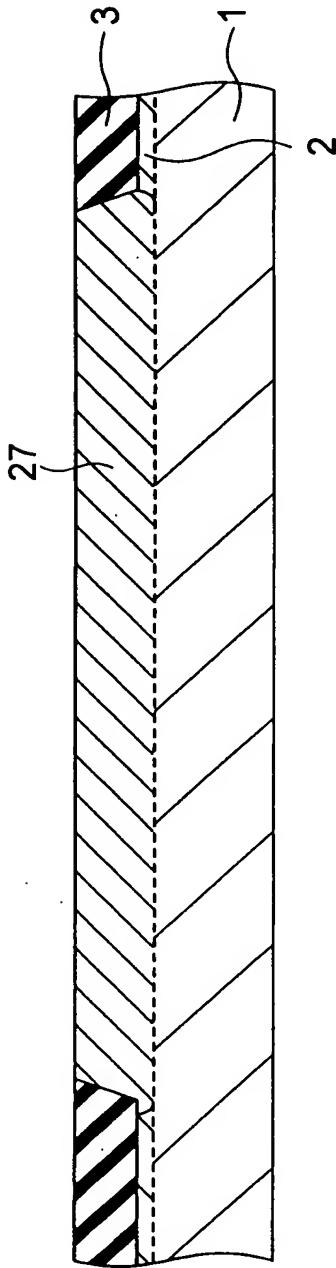


FIG. 22A

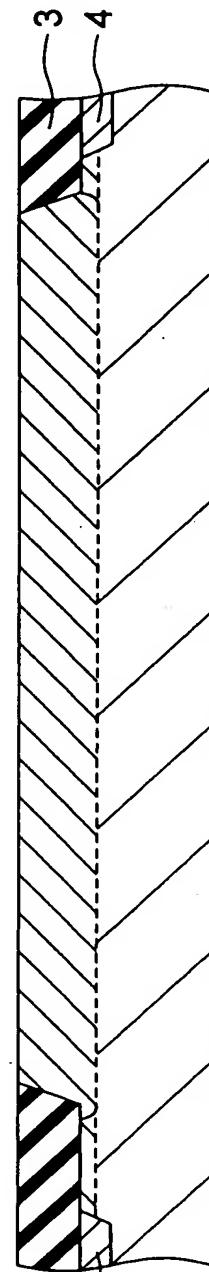


FIG. 22B

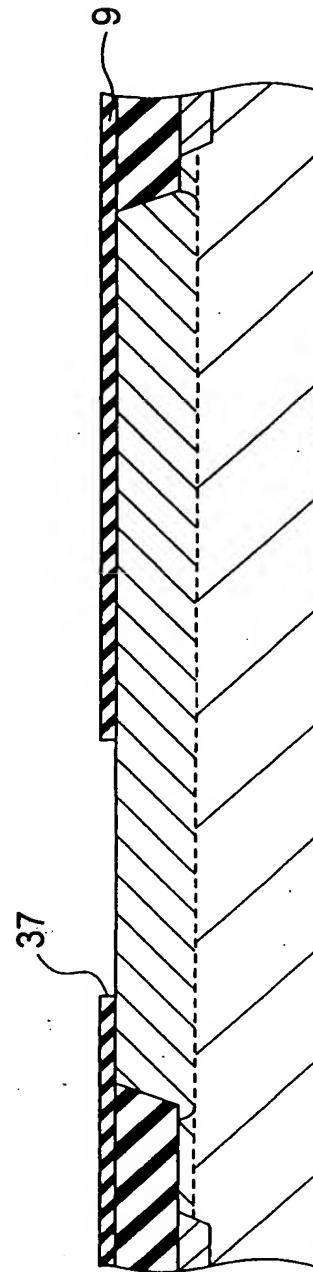


FIG. 22C

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

23 / 24

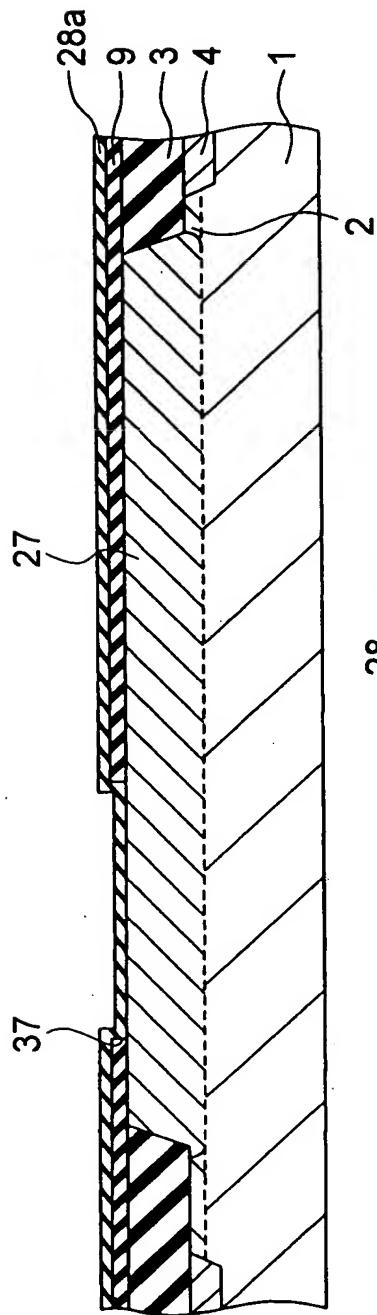


FIG. 23A

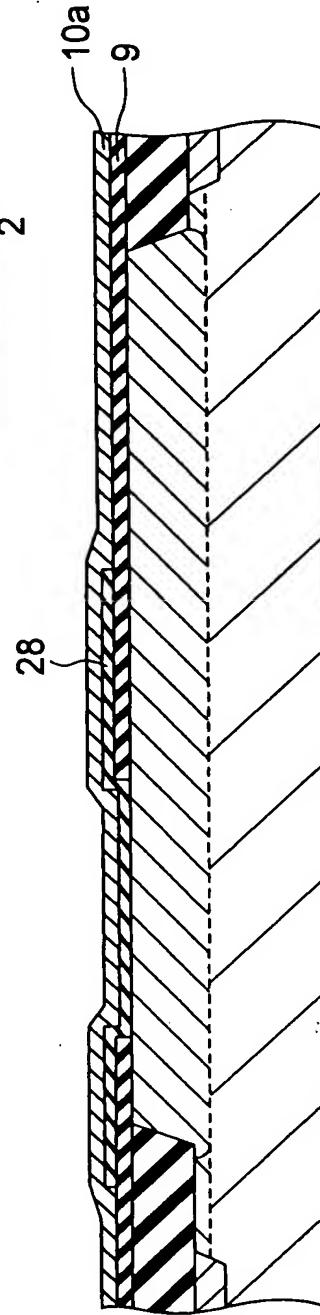


FIG. 23B

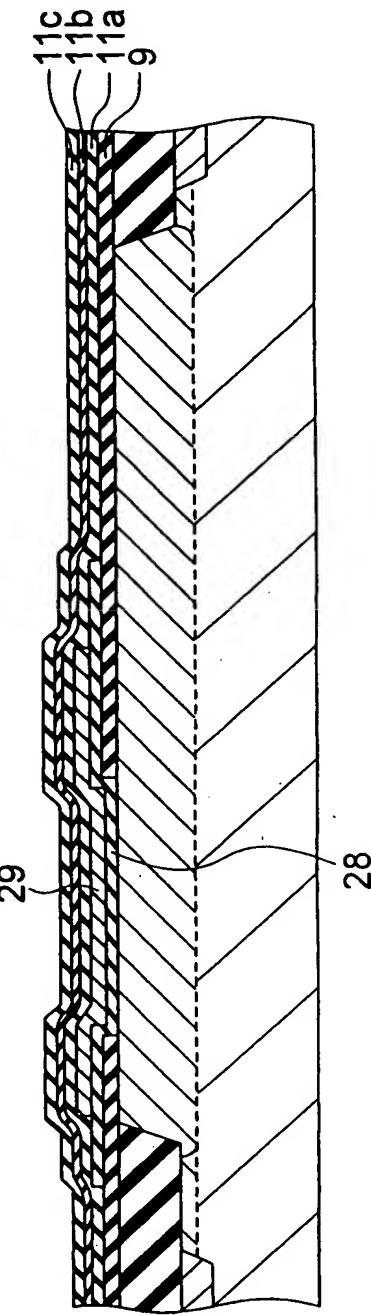


FIG. 23C

SEMICONDUCTOR DEVICE AND PROCESS OF PRODUCTION OF SAME

Inventor: Yuji SASAKI  
Docket No. 075834.00500

Robert J. Depke, Holland & Knight LLC - (312) 263-3600

24 / 24

